

# **SYSTEM AND METHOD FOR DETERMINING AIRCRAFT TAPELINE ALTITUDE**

## **ABSTRACT OF THE DISCLOSURE**

A method, apparatus, and computer program product for accurately determining  
5 aircraft altitude, impact pressure, and calibrated air speed are provided. The determined  
results may be used for analysis in certification processes, used for building flight testing or  
simulation models that also may used in certification processes, or used for other purposes  
such as data to be used in a flight simulator. Altitude information of an aircraft is determined  
based on recorded altitude information generated by an inertial navigation system (INS) of  
10 the aircraft and altitude information generated by a global positioning system (GPS) of the  
aircraft. A static pressure value is generated based on the determined altitude information.